

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	
Sheet	1	of	4	Filing Date	
				First Named Inventor	Wendell Watkins
				Art Unit	
				Examiner Name	
				Attorney Docket Number	

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-	2,001,024	03/10/34	Stereoscopic Pictures	
		US-	4,405,920	09/20/83	Enhancing The Perceptibility of Barely Perceptible Images	
		US-				
		US-	5,088,810	02/18/92	Vision Training Method and Apparatus	
		US-				
		US-	5,555,324	09/10/96	Method & Apparatus for Generating a Synthetic Image by the Fusion of Signals	
		US-				
		US-			Representative of Different Views of the Same Scene	
		US-	111599	10/01/96	Synthetic-Color Night Vision	
		US-	5,870,493	02/09/99	Top Down Preprocessor for a Machine Vision System	
		US-				
		US-	6,081,753	06/27/00	Method of Determining Probability of Target Detection In a Visually Cluttered Scene	
		US-				
		US-				
		US-	6,121,969	09/19/00	Visual Navigation in Perceptual Databases	
		US-				
		US-	6,213,956	04/10/01	Methods and Apparatus for Diagnosing and Remediating Reading Disorders	
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
			G09B 17/00	09/21/00	Method and Apparatus for Treating Dyslexia		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	
		Filing Date	
		First Named Inventor	Wendell Watkins
		Art Unit	
		Examiner Name	
Sheet	2	of	4
		Attorney Docket Number	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Shee

2

9

4

Attorney Docket Number

Compl te if Known

Application Number	
Filing Date	
First Named Inventor	Wendell Watkins
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Substitute for form 1449/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
<i>(Use as many sheets as necessary)</i>			
Sheet	3	of	4
Attorney Docket Number			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SHAYWITZ, SALLY; "Overcoming Dyslexia," Random House, Inc., (Knopf), 2003.	
		WATKINS, WENDELL R.; "Biomimicking Applications of the Search and Target Acquisition, Recognition, and Identification Methods Used In Animal Binaural Vision;" U.S. Patent and Trademark Office, Disclosure Document No. 518460; September 19, 2002, Washington, D.C.	
		LAWSON, ALISON MARIE; "Method and Apparatus For Treating Dyslexia," U.S. Patent No. 6,443,572, Issued September 3, 2003.	
		HOFER, HEIDI and WILLIAMS, DAVID R.; "The Eye's Mechanisms For Autocalibration," Optics And Photonics News, (pp. 34-39), January, 2002.	
		WATKINS, W.R.; "Multispectral Image Processing: The Nature Factor," Series In Machine Perception and Artificial Intelligence; (Vol. 44); J. Shen, P.S.P. Wang, T. Zhang (Eds.) Multispectral Image Processing And Pattern Recognition, World Scientific, New Jersey, (pp. 37-48), 2001.	
		WATKINS, W.R., HEATH, G.D., PHILLIPS, M.D., VALETON, M. and TOET, A., "Search and Target Acquisition: Single Line Of Sight Versus Wide Baseline Stereo," Opt. Eng. 40(9) (pp. 1914-1927) 2001.	
		ROHDE, B.L. and WATKINS, W., "Effect of Color Frequency Combinations and Noise on Depth Perception Using RGB Stereo Sensor Fusion," Proc. 9 th Annual USARL/USMA Technical Symposium, http://www.dean.usma.edu/math/research/mscc/9thAUTS/default.htm , at APG Session 2000	
		WATTS, ROBERT G. and BAHILL, A. TERRY, "Keep Your Eyes On The Ball," W.H. Freeman and Co., New York, (pp. 171-209) 2000	
		WATKINS, W.R., CuGLOCK-KNOOPP, V.G., JORDAN, J.B., MARINOS, A.J., PHILLIPS, M.D., and MERRITT, J.O., "Sensor Fusion: A Preattentive Vision Approach," Proc. SPIE 4029 (pp. 59-67) 2000.	
		ROSS, T.H., WATKINS, W.R., KOBYLSKI, G., and HEATH, G., "Effect of Noise and Background on Depth Perception Using RGB Stereo Sensor Fusion," Proc. 8 th Annual USARL/USMA Technical Symposium (pp. 97-103) 2000.	

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Wendell Watkins
				Art Unit	
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		ROSS, T.H., WATKINS, KOBLESKI, G., and HEATH, G., "Effect of Noise and Background on Depth Perception Using RGB Stereo Sensor Fusion," Proc 8 th Annual USARL/USMA Technical Symposium (pp. 97-103) 2000.			
		HEATH, G., WATKINS, W.R., PHILLIPS, M.D., "A Comparison Of Observer Task Performance:			
		Three Dimensional vs. Two Dimensional Displays," Proc. 8 th Annual USARL/USMA Technical Symposium (pp. 199-214) 2000.			
		MARINOS, A.J., WATKINS, W.R., and PHILLIPS, M.D., "Effect of RGB Stereo Sensor Fusion On Target And Range Identification," Proc. 7 th Annual USARL/USMA Technical Symposium, (pp. 68-68), 1999.			
		JAIN, ANIL K.; "Fundamentals Of Image Processing," Englewood Cliffs, NJ, Prentice Hall, 1989.			
		WATKINS, W.R., JORDAN, J.B., AND TRIVEDI, M.M.; "Novel Applications Of Hyperstereo Vision," Proc. SPIE 3110, (pp. 72-88); 1997.			
		ROSANES-BERET, M.B., "Do You Really Need Eyeglasses," New York, I.I., Inc. 1985			
		BEREFORD, S.M., MURIS, D.W., M.J.A...EN, AND young, f.a., "Improve Your vision Without Glasses Or Contact Lenses, Simon & Schuster (Fireside) New York, 1996			
		PETTIGREW, JOHN D.; "The Neurophysiology Of Binocular Vision," Scientific American, (pp. 84-85), August, 1972.			
		WATTS, ROBERT G., BAHILL, TERRY, W.H. FREEMAN and COMPANY; Keep Your Eye On The Ball, 2000			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.